Marine Invasive Species

Natural Resource Program Center



Eusarsiella zostericola

Ostrocod

Threat scores

- i. Ecological impact
 - Competes with native species for resources
 - Although it is small in size, yet will be retained on 0.5 mm sieves, it is larger and more fecund than those of studied North American populations (Bamber 1987b)
- 2. Invasive potential
 - The species has a low rate of dispersal, mainly by benthic adults which are capable of swimming the juveniles are non-dispersive
- 3. Geographic extent
 - Locally patchy

Geography and Habitat

- 1. Native: US Atlantic Coast
- 2. Introduced: Washington, Oregon, California
- Habitats
 - Marine, fouling communities

Invasion Pathways

- 1. Hull/Surface fouling
- 2. Stocking in open water oyster farming
- 3. Ballast water and sediments

Non-Native Locations

- 1. 57- OR, WA, Vancouver
- 2. 58- Northern California

Sources

- 1. Molnar, Jennifer, et al. 2008. "Assessing the global threat of invasive species to marine biodiversity." *Frontiers in Ecology and the Environment*. 6 (9), pp. 485-492.
- 2. http://conserveonline.org/workspaces/global.invasive.assessment